

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030873.D
 Acq On : 9 Nov 2017 8:14
 Operator : SJ/JU
 Sample : I6245-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 B0F26

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:46:45 PM

Quant Time: Nov 09 11:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 07:08:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	302919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	193745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	457762	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	491334	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	519249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5690	3.68	ng/uL	0.00
5) Phenol-d5	7.31	99	125032	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	76718	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	108460	25.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	96038	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	57712	26.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	68691	30.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	120195	23.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	99188	16.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	398043	24.03	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	501682	24.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	50995	16.68	ng/ul	0.00
57) Fluorene-d10	15.76	176	368258	27.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	45665	20.44	ng/ul	0.00
70) Anthracene-d10	17.61	188	563372	26.02	ng/ul	0.00
76) Pyrene-d10	19.89	212	646630	25.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	666197	27.09	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.34	94	22107	3.537 ng/ul#	90
44) Dimethylphthalate	14.21	163	142526	8.822 ng/ul	99
47) Acenaphthylene	14.49	152	58020	2.823 ng/ul	96
58) Fluorene	15.81	166	28517	1.860 ng/ul#	96
69) Phenanthrene	17.55	178	600831	24.280 ng/ul	99
71) Anthracene	17.64	178	56445	2.211 ng/ul	99
72) Carbazole	17.91	167	23582	1.028 ng/ul	97
74) Fluoranthene	19.55	202	766263	27.707 ng/ul	99
77) Pvrene	19.92	202	962899	29.241 ng/ul	100
80) Benzo(a)anthracene	21.76	228	432200	14.036 ng/ul	97
82) Chrysene	21.83	228	509892	18.225 ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	505947	16.231 ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	140080m	4.648 ng/ul	
88) Benzo(a)pyrene	24.93	252	390418	12.867 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.88	276	257398	7.498 ng/ul	97
90) Dibenzo(a,h)anthracene	28.91	278	75425	2.645 ng/ul#	82
91) Benzo(q,h,i)perylene	30.07	276	238971	8.398 ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

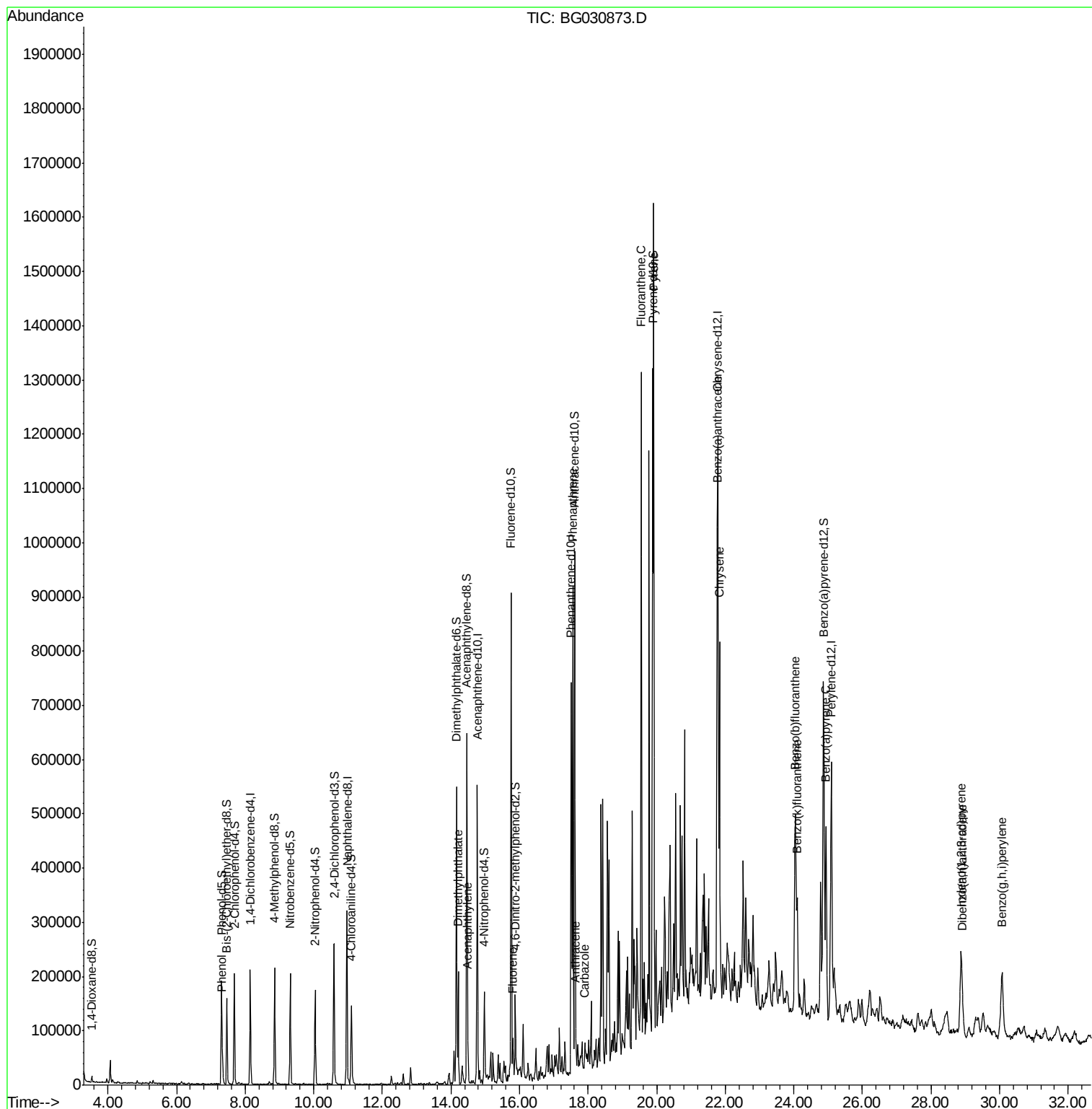
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110817\
Data File : BG030873.D
Acq On : 9 Nov 2017 8:14
Operator : SJ/JU
Sample : I6245-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

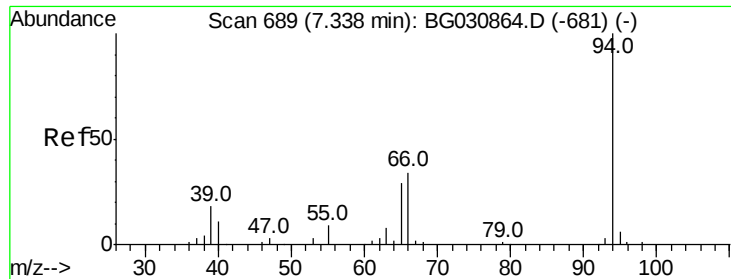
Instrument :
BNA_G
ClientSampled :
B0F26

Manual Integrations
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11/9/2017 3:46:45 PM

Quant Time: Nov 09 11:05:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 07:08:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.537 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

ClientSampleId :

B0F26

Tot Ion: 94 Resp: 22107

Ion Ratio Lower Upper

94 100

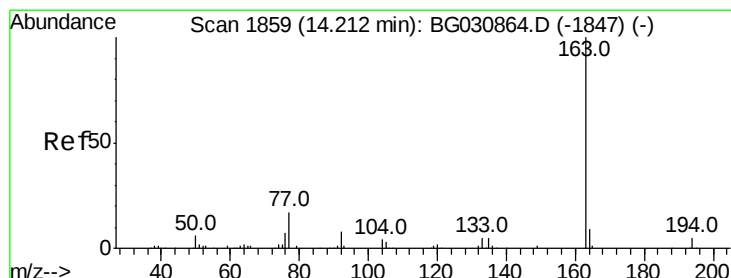
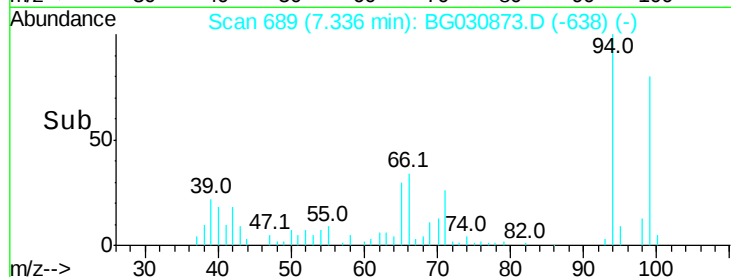
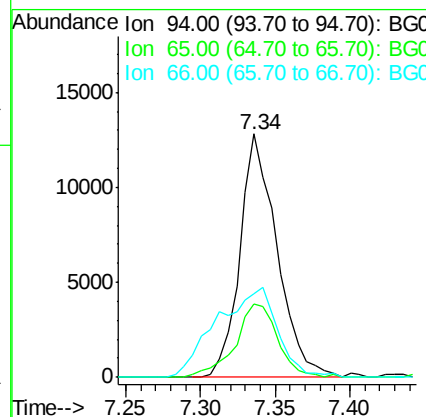
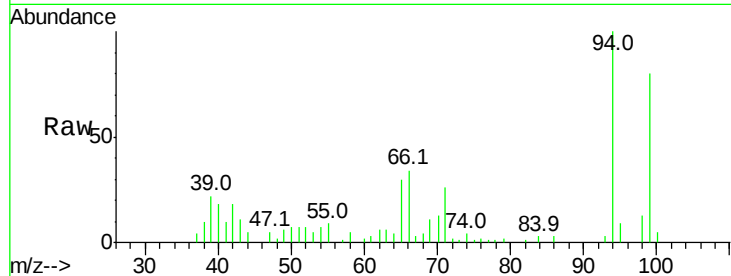
65 30.4 27.1 40.7

66 34.5 34.6 52.0#

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#44

Dimethylphthalate

Concen: 8.822 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

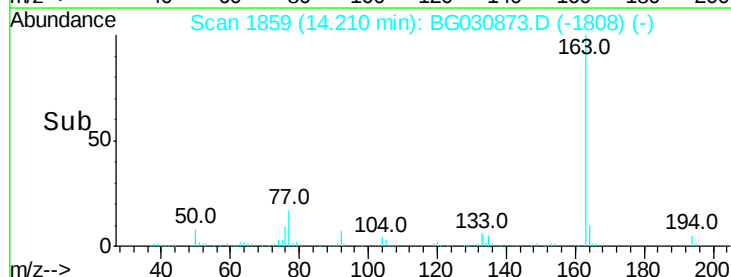
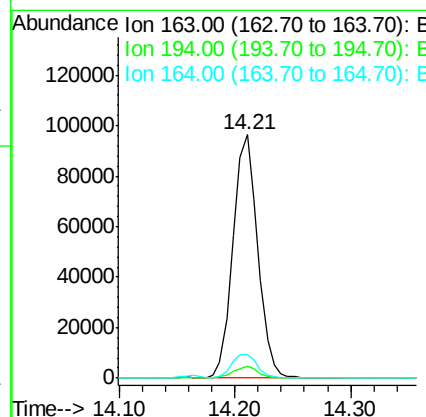
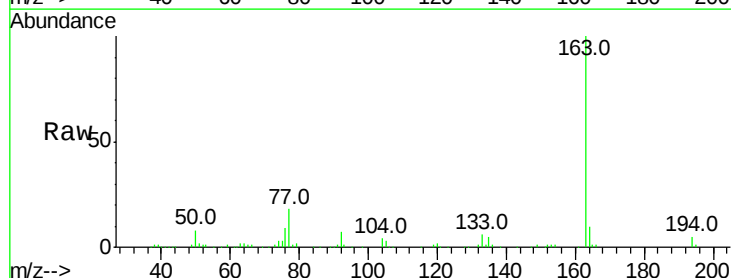
Tgt Ion:163 Resp: 142526

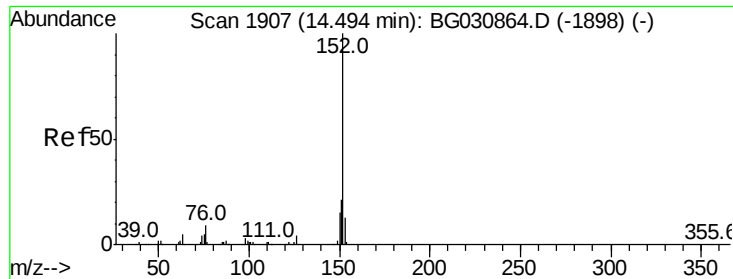
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 9.8 7.6 11.4





#47

Acenaphthylene

Concen: 2.823 ng/ul

RT: 14.49 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

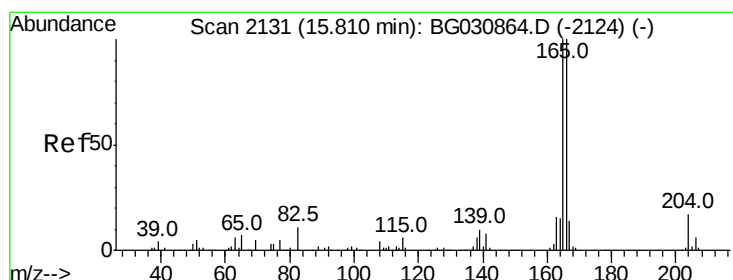
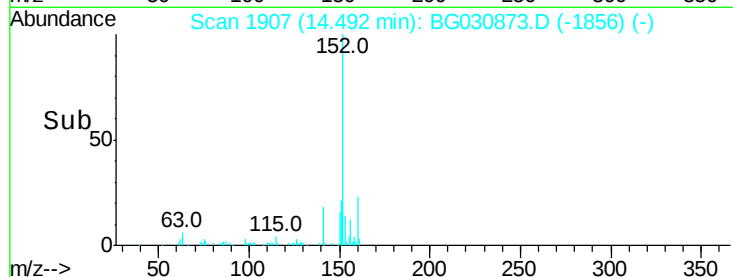
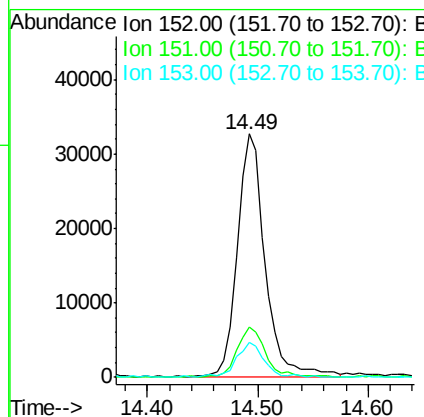
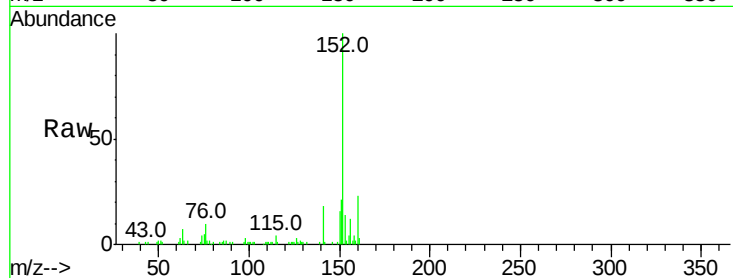
ClientSampleId :

B0F26

Tot Ion:	152	Resp:	58020
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.2	22.8
153	14.4	10.2	15.4

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#58

Fluorene

Concen: 1.860 ng/ul

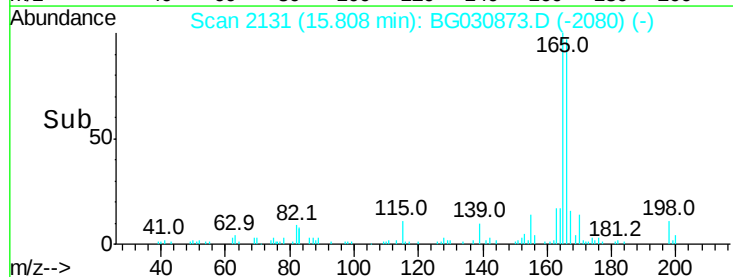
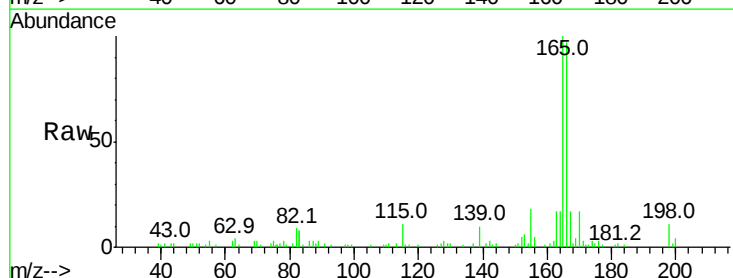
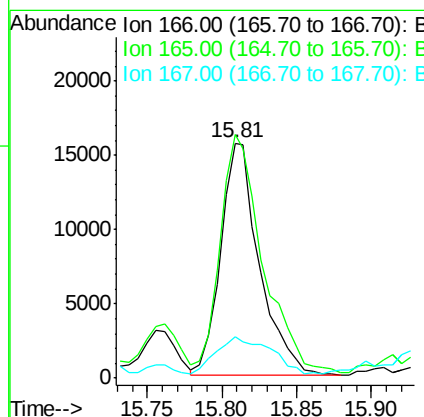
RT: 15.81 min Scan# 2131

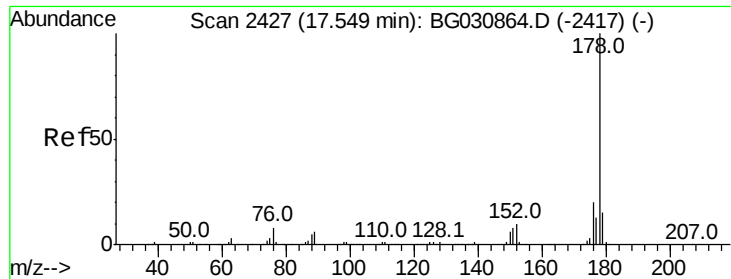
Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Tgt Ion:	166	Resp:	28517
Ion Ratio	Lower	Upper	
166	100		
165	103.5	79.9	119.9
167	17.4	10.6	16.0#





#69

Phenanthrene

Concen: 24.280 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

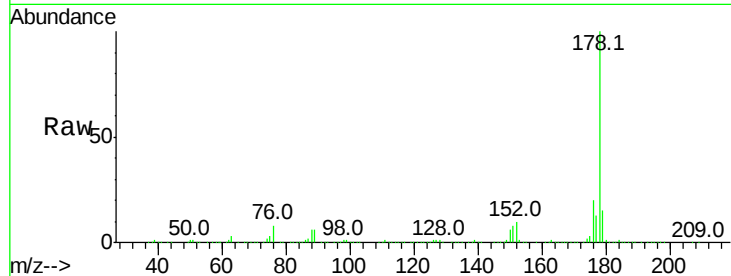
ClientSampled :

B0F26

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.5	15.3	22.9

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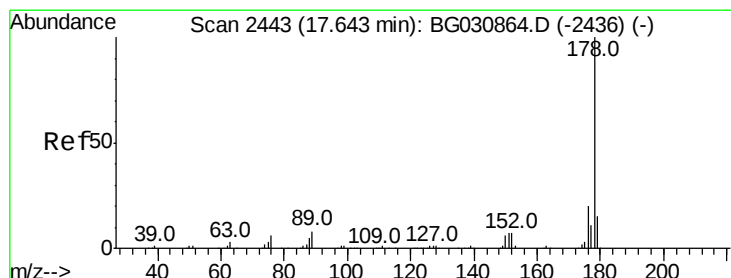
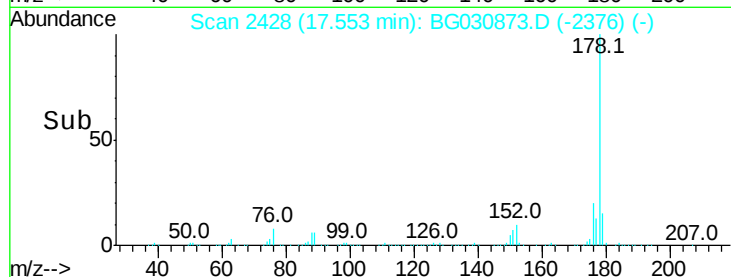
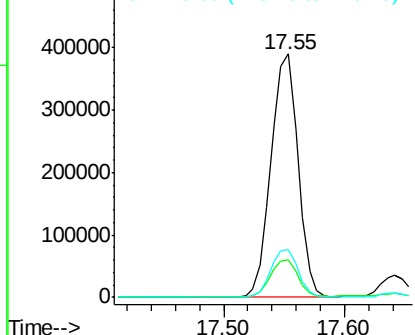


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.211 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

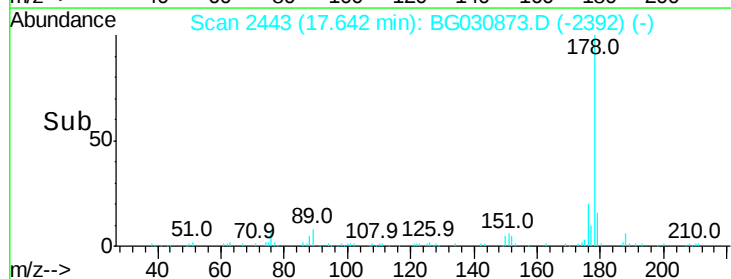
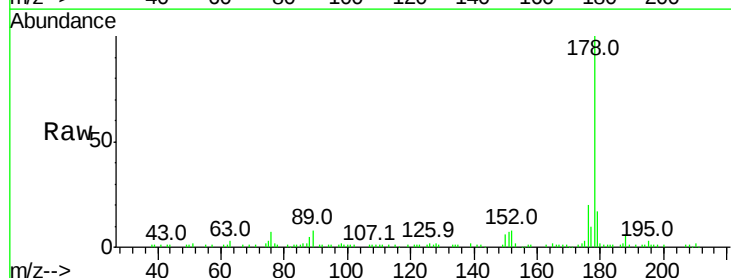
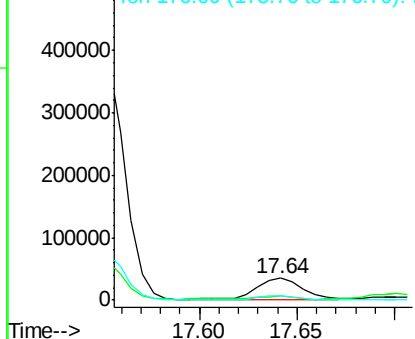
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.2	19.8
176	20.3	16.0	24.0

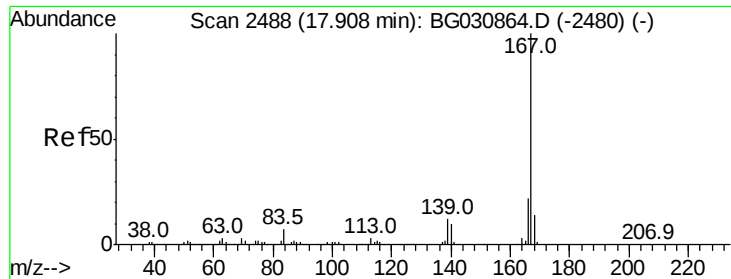
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.028 ng/ul

RT: 17.91 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

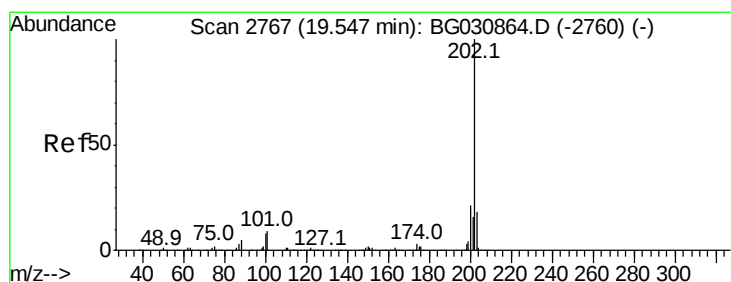
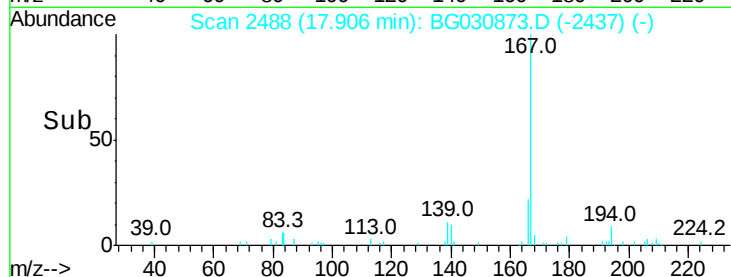
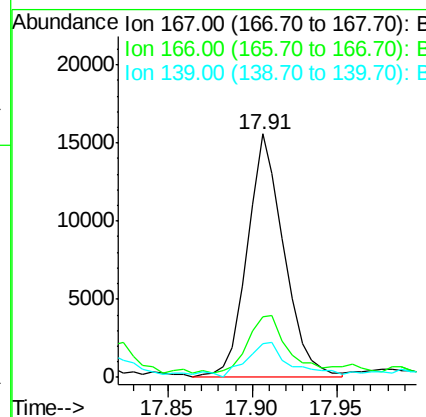
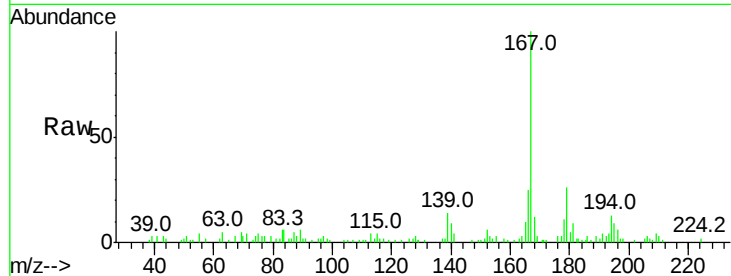
ClientSampleId :

B0F26

Tot Ion:	167	Resp:	23582
Ion Ratio	Lower	Upper	
167	100		
166	24.9	18.6	28.0
139	13.9	10.6	16.0

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#74

Fluoranthene

Concen: 27.707 ng/ul

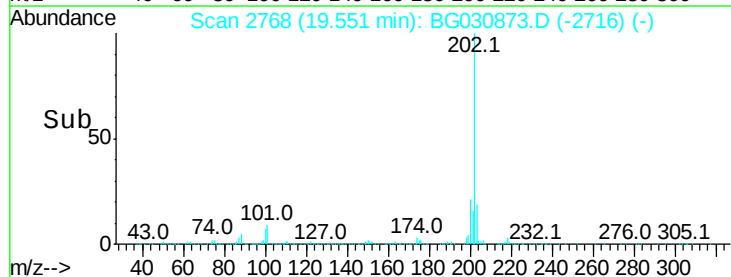
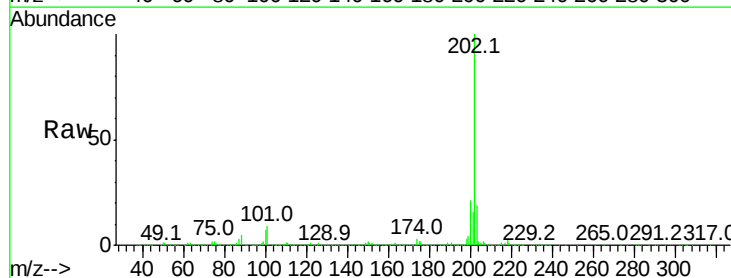
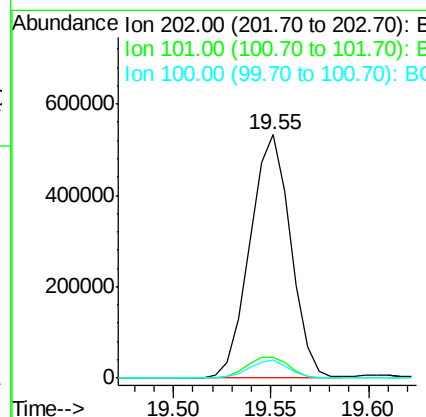
RT: 19.55 min Scan# 2768

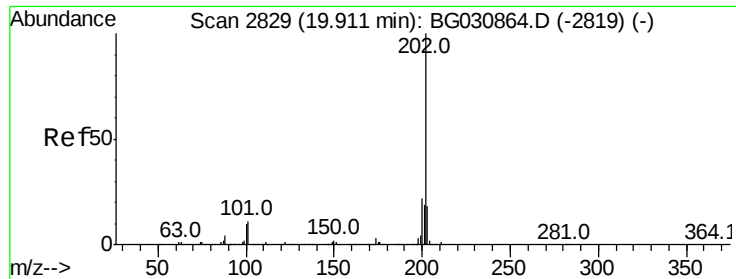
Delta R.T. 0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Tgt Ion:	202	Resp:	766263
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.4	11.2
100	7.3	5.6	8.4





#77

Pvrene

Concen: 29.241 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

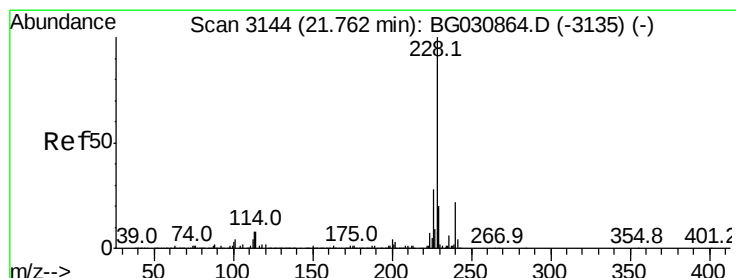
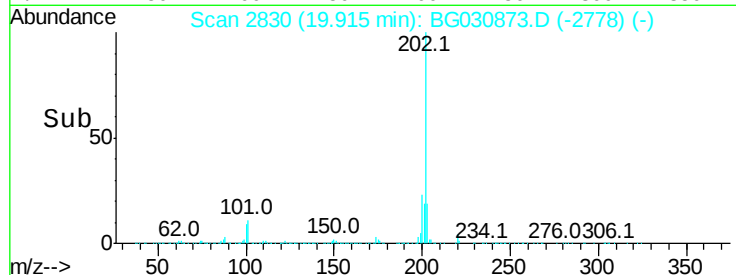
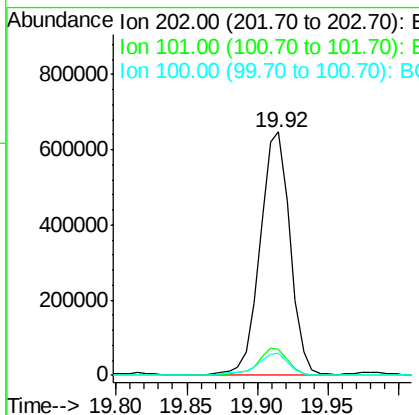
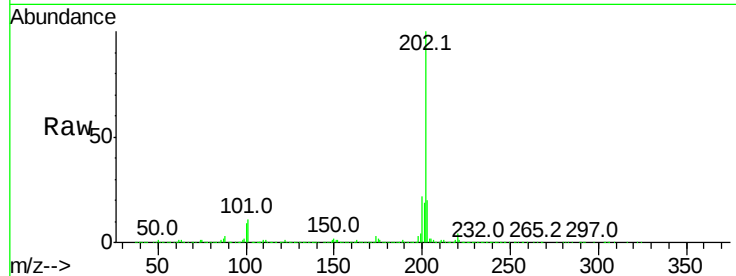
ClientSampleId :

B0F26

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	8.4	12.6
100	9.0	7.0	10.6

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#80

Benzo(a)anthracene

Concen: 14.036 ng/ul

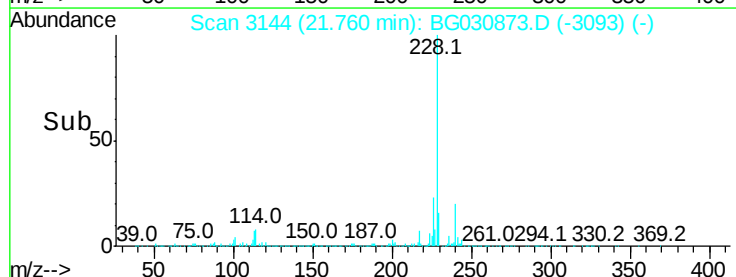
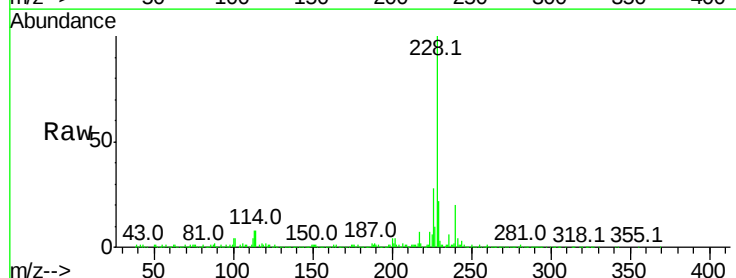
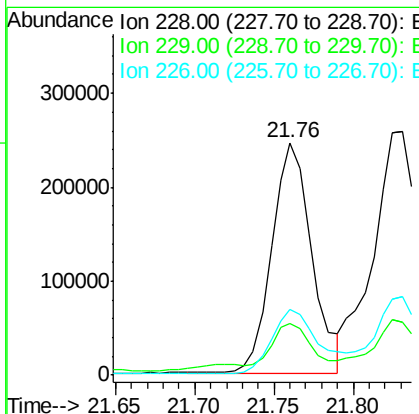
RT: 21.76 min Scan# 3144

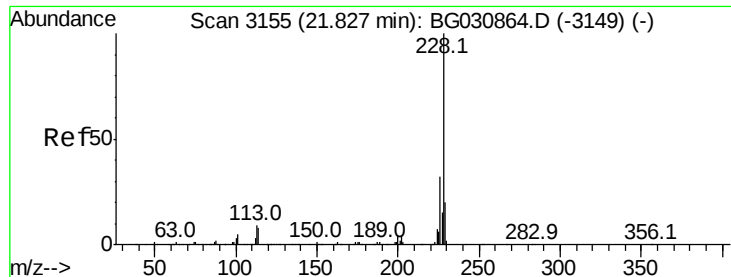
Delta R.T. -0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.3	16.2	24.4
226	28.5	22.2	33.2





#82

Chrysene

Concen: 18.225 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Instrument :

BNA_G

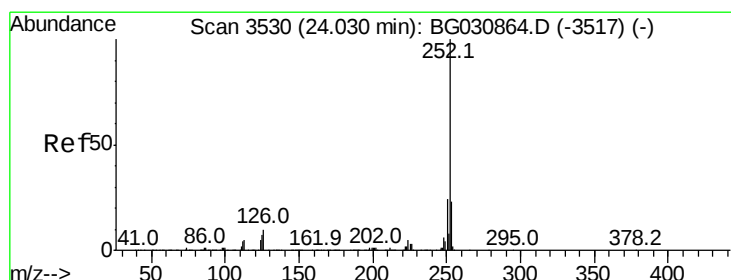
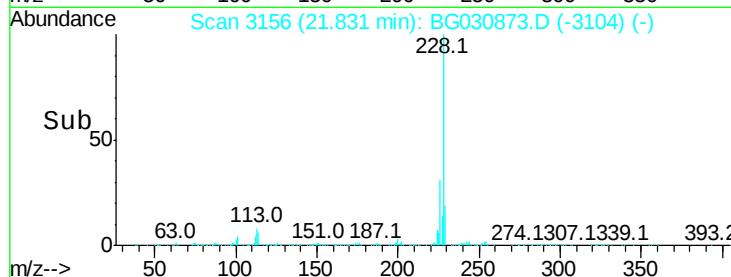
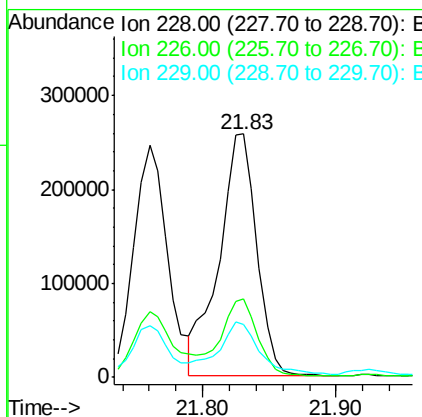
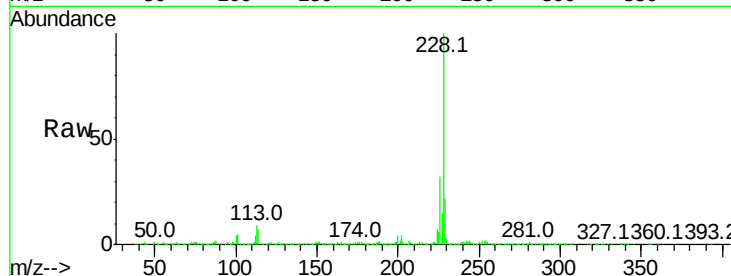
ClientSampleId :

B0F26

Tot Ion:	228	Resp:	509892
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.2	36.2
229	21.8	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 16.231 ng/ul

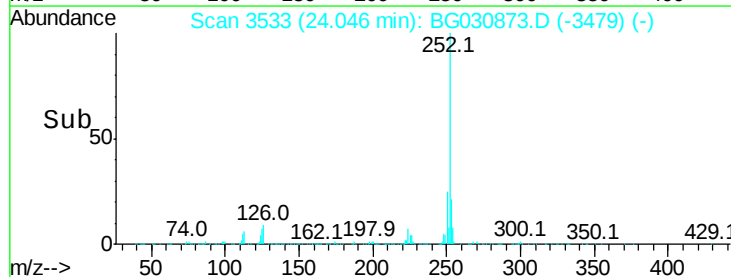
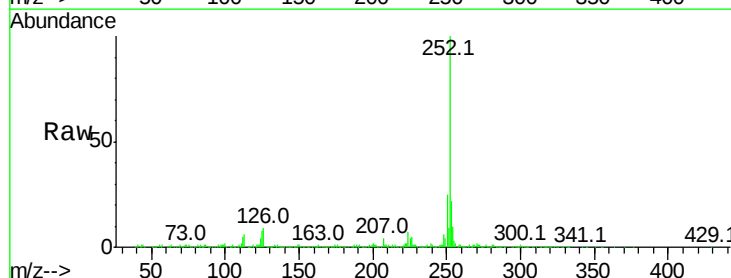
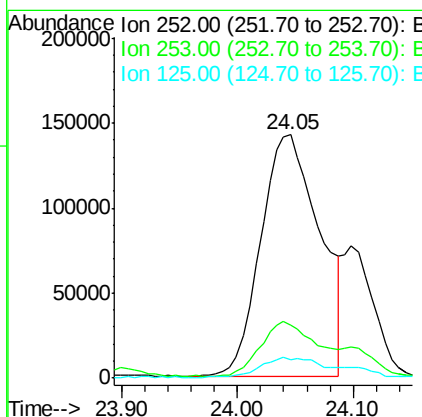
RT: 24.05 min Scan# 3533

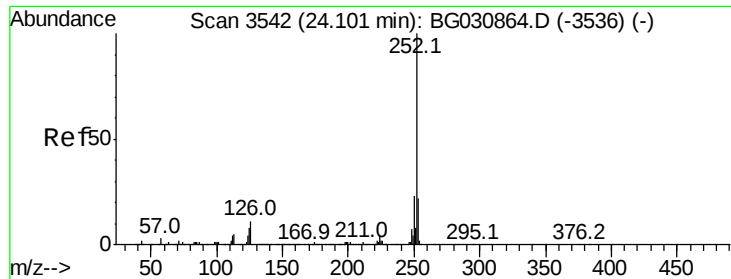
Delta R.T. 0.02 min

Lab File: BG030873.D

Acq: 9 Nov 2017 8:14

Tgt Ion:	252	Resp:	505947
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.4
125	7.5	7.5	11.3





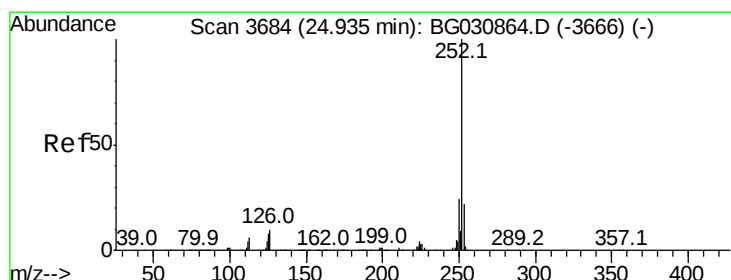
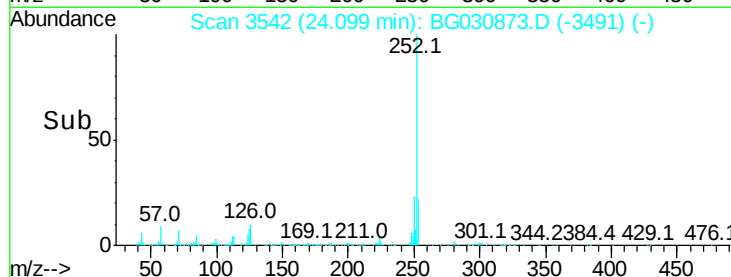
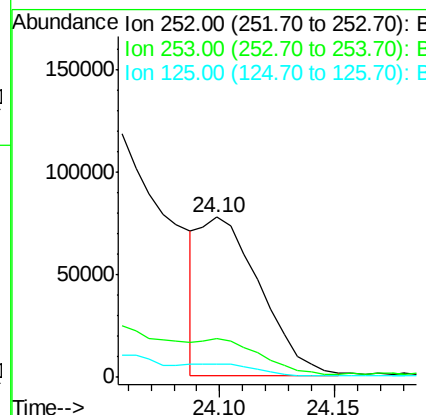
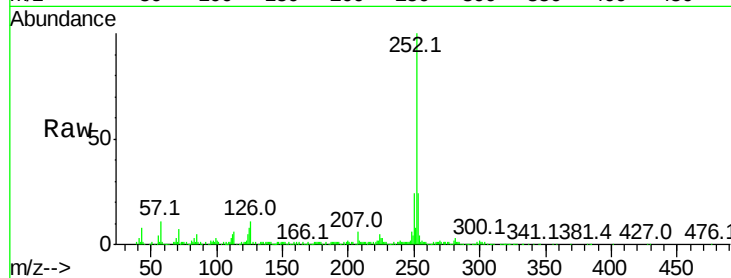
#86
Benzo(k)fluoranthene
Concen: 4.648 ng/ul m
RT: 24.10 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG030873.D
Acq: 9 Nov 2017 8:14

Instrument :
BNA_G
ClientSampleId :
B0F26

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	8.4	7.8	11.8

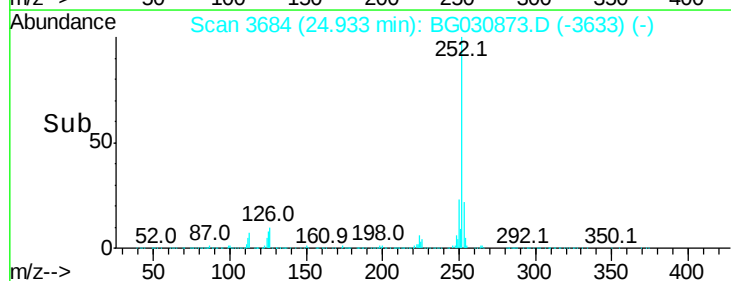
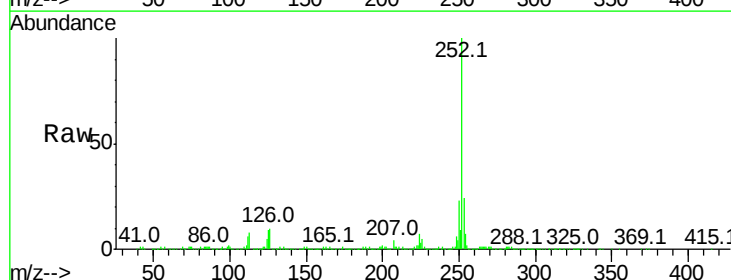
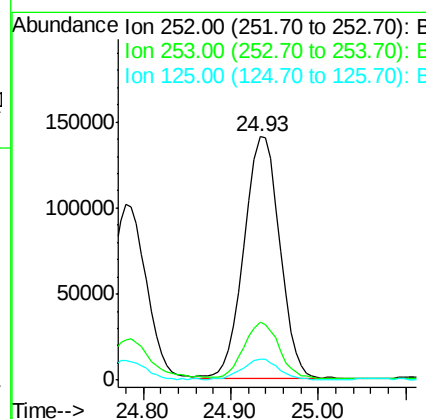
Manual Integrations
APPROVED

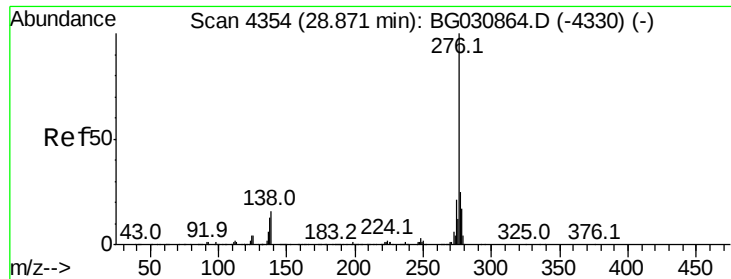
Sohil
11/9/2017 3:46:45 PM



#88
Benzo(a)pyrene
Concen: 12.867 ng/ul
RT: 24.93 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG030873.D
Acq: 9 Nov 2017 8:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	8.6	7.8	11.8





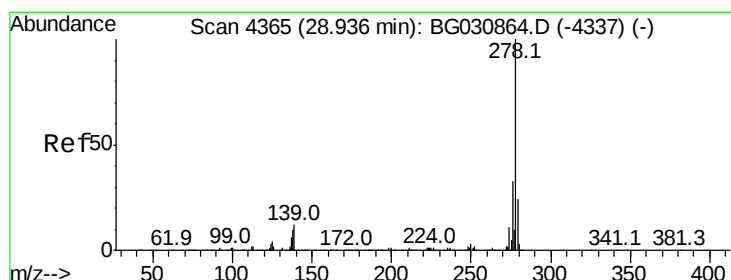
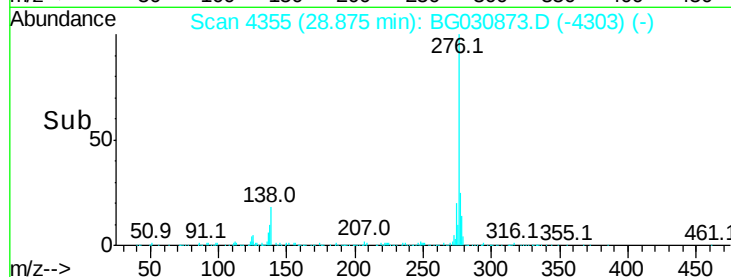
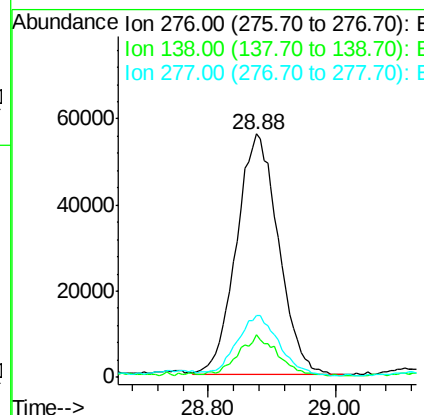
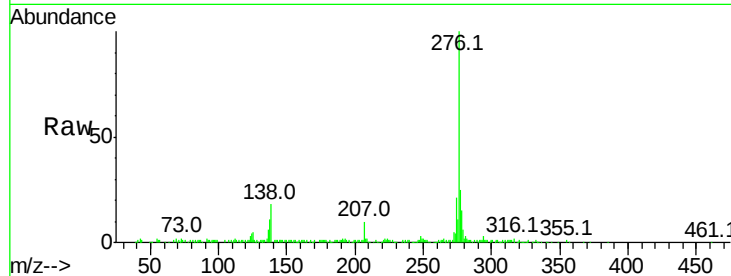
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 7.498 ng/ul
 RT: 28.88 min Scan# 4355
 Delta R.T. 0.00 min
 Lab File: BG030873.D
 Acq: 9 Nov 2017 8:14

Instrument :
 BNA_G
 ClientSampleId :
 B0F26

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.4	20.0
277	25.4	18.6	28.0

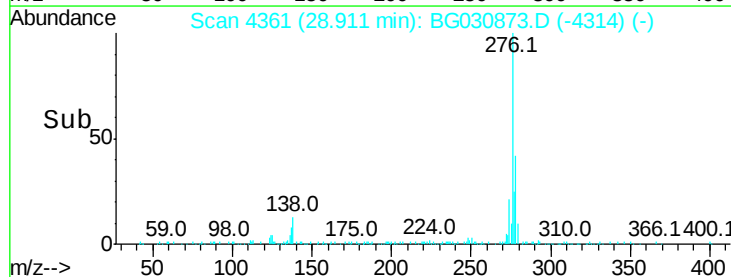
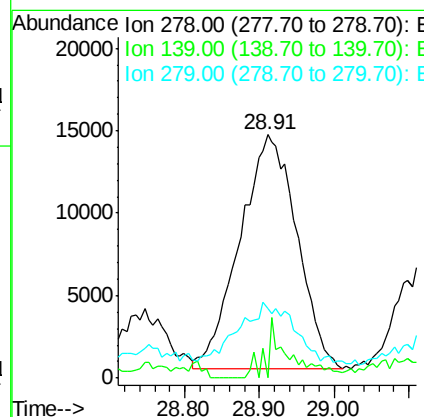
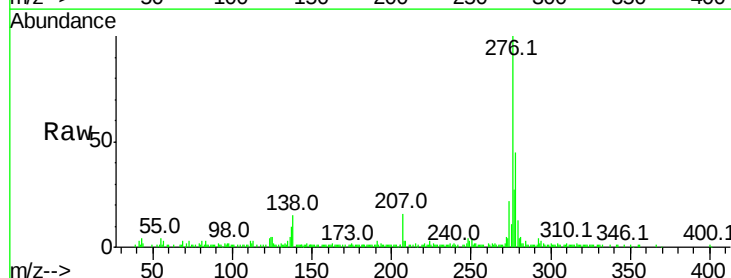
Manual Integrations
 APPROVED

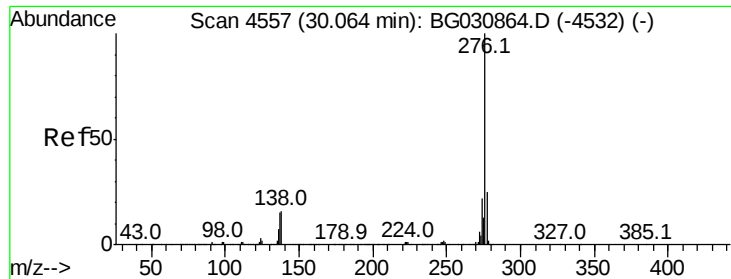
Sohil
 11/9/2017 3:46:45 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 2.645 ng/ul
 RT: 28.91 min Scan# 4361
 Delta R.T. -0.03 min
 Lab File: BG030873.D
 Acq: 9 Nov 2017 8:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.2#
279	28.3	18.4	27.6#





#91
 Benzo(a,h,i)perylene
 Concen: 8.398 ng/ul
 RT: 30.07 min Scan# 4558
 Delta R.T. 0.00 min
 Lab File: BG030873.D
 Acq: 9 Nov 2017 8:14

Instrument :
 BNA_G
 ClientSampleId :
 B0F26

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.1	18.1
277	27.2	17.7	26.5#

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:46:45 PM

